



09/4,64338

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. Patent Application

Applicant: Okamoto et al.

Serial No.: 09/588,923

Filed: June 6, 2000

For: MAGNETIC RECORDING MEDIUM
AND MAGNETIC STORAGE
APPARATUS

Art Unit: 1773

Examiner: Rickman, H.

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the United States Postal Service as first-class mail in an
envelope addressed to: Assistant Commissioner for
Patents, Washington, D.C. 20231, on this date.

12/12/2001
Date

F CLASS.WCM

Registration No. 37,538

Attorney for Applicant

TRANSMITTALAssistant Commissioner for Patents
Washington, DC 20231

Sir:

- (X) Enclosed is an IDS, PTO Form 1449 (with check for \$180.00), and copies of cited references to be filed in the above-referenced application.
- (X) If a Petition under 37 C.F.R. §1.136(a) for an extension of time for response is required to make the attached response timely and does not separately accompany this transmittal, Applicant(s) hereby petition(s) under 37 C.F.R. §1.136(a) for an extension of time for response in the above-identified application for the period required to make the attached response timely.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

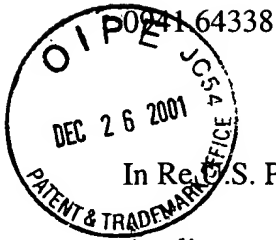
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December 12, 2001

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By

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) 12/12/2001 James K. Jelen
) Date
) F CLASS.WCM Registration No. 37,538
) Attorney for Applicant

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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants through counsel
herewith submit copies of the publications as set forth in the attached form PTO-1449 as follows:

U.S. PATENTS

<u>PATENT NO.</u>	<u>PATENTEE</u>	<u>ISSUE DATE</u>
4,789,598	Howard et al.	Dec. 6, 1998
5,408,377	Gurney et al.	Apr. 18, 1995
5,462,796	Teng et al.	Oct. 31, 1995
5,465,185	Heim et al.	Nov. 7, 1995
5,523,173	Doerner et al.	Jun. 4, 1996
6,013,365	Dieny et al.	Jan. 11, 2000

12/27/2001 TGEDRMU1 00000082 09588923

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Enclosed herewith is a check in the amount of \$180.00 to cover the fee set forth
in 37 C.F.R. §1.17(p).

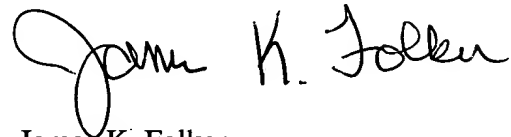
Respectfully submitted

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OTHER DOCUMENTS

S.E. Lambert, et al., "Reduction of Media Noise in Thin Film Metal Media by Lamination"-IEEE Transactions on Magnetics, vol. 26, No. 5, Sep. 1990, pp. 2706-2708.

E.S. Murdock, et al., "Noise Properties of Multilayered Co-Alloy Magnetic Recording Media"-IEEE Transactions on Magnetics, vol. 26, No. 5, Sep. 1990, pp. 2700-2705.

A. Murayama, et al., "Interlayer Exchange Coupling in Co/Cr/Co Double Layered Recording Films Studied by Spin-Wave Brillouin Scattering"-IEEE Transactions on Magnetics, vol. 27, No. 6, Nov. 1991, pp. 5064-5066.

S.E. Lambert, et al., "Laminated Media for High Density Recording"-IEEE Transactions on Magnetics, vol. 29, No. 1, Jan. 1993, pp. 223-229.

E. Teng, et al., "Flash Chromium Interlayer for High Performance Disks with Superior Noise and Coercivity Squareness"-IEEE Transactions on Magnetics, vol. 29, No. 6, Nov. 1993, pp. 3679-3681.

S.S.P. Parkin et al., "Oscillations in Exchange Coupling and Magnetoresistance in Metallic Superlattice Structures: Co/Ru, Co/Cr, and Fe/Cr", Physical Review Letters, vol. 64, No. 19, May 7, 1990, pp. 2304-2307.

REMARKS

Applicants respectfully request that the Examiner consider the above-listed references in the examination of this application and list these references of record in the application. Applicants respectfully submit that the citation of the above-listed references does not constitute an admission that these references qualify as prior art.